

WHAT IS CLAIMED IS:

1. A connector with a housing (11) having at least one cavity (12), a resiliently deformable lock (13) provided at a first surface of the cavity (12) and being resiliently deformable into a deformation permitting space (12a), at least one terminal fitting (T) with a tube (Ta) insertable into the cavity (12) along an insertion direction, the terminal fitting (T) being configured to deflect the lock (13) into the deformation permitting space (12a) during insertion and to be engaged by the lock (13) after complete insertion of the terminal fitting (T) in the cavity (12), and a retainer (21) mountable to the housing (11) and insertable into a deformation permitting space (12a) for preventing resilient deformation of the lock (13), wherein:

an area of the cavity (12) for accommodating the tube (Ta) has a cross section substantially conforming with the tube (Ta),

a first guiding surface (14a) at least at one corner of a second surface of the cavity (12) substantially opposite to the first surface of the cavity (12) for narrowing the cavity (12) in directions transverse to the insertion direction,

the tube (Ta) of the terminal fitting (T) being pressable against the first guiding surface (14a) by displacing the lock (13) towards the terminal fitting (T) when the retainer (21) is mounted, thereby preventing the terminal fitting (T) from shaking in lateral and/or vertical directions.

2. The connector of claim 1, wherein a guiding section (13b) is formed on the lock (13) for forcibly displacing the lock (13) towards the terminal fitting (T) upon the insertion of the retainer (21).

3. The connector of claim 1, wherein the second surface faces a locking section (13a) of the lock (13) that engages the terminal fitting (T).

4. The connector of claim 1, wherein the retainer (21) is mountable to a front surface of the housing (11).

5. The connector of claim 1, wherein the second surface of the cavity (12) has a recess (15) for receiving the tube (Ta).

6. The connector of claim 5, further comprising a second guiding surface (15a) for shortening the cavity (12) in directions parallel to the insertion direction at locations adjacent the second surface of the cavity (12).

7. The connector of claim 6, wherein the tube (Ta) is pressable against the second guiding surface (15a) by displacing the lock (13) towards the terminal fitting (T) when the retainer (21) is mounted, thereby preventing the terminal fitting (T) from shaking parallel to the insertion direction.

8. The connector of claim 6, wherein the first guiding surface (14a) and the second guiding surface (15a) are provided on facing corners of the second surface.

9. A connector with a housing (11) having opposite front and rear ends and at least one cavity (12) extending in a longitudinal direction between the front and rear ends, the cavity (12) having opposed first and second surfaces extending substantially parallel to the longitudinal direction, a resiliently deformable lock (13) provided on the first surface of the cavity (12), the second surface having at least one chamfered longitudinal corner (14a) extending along the longitudinal direction of the cavity (12) for narrowing the cavity (12) at locations adjacent the second surface and in a width direction (WD) transverse to the longitudinal direction.

10. The connector of claim 9, wherein the at least one chamfered longitudinal corner (14a) comprises two opposed chamfered longitudinal corners (14a).

11. The connector of claim 10, wherein the second surface further has at least one chamfered transverse corner (14b) extending along the width direction of the cavity (12) for shortening the cavity (12) at locations adjacent the second surface and in the longitudinal direction.

12. The connector of claim 11, wherein the at least one chamfered transverse corner (14b) comprises two opposed chamfered transverse corners (14b).

13. The connector of claim 10, further comprising a deformation permitting space (12a) adjacent the resiliently deformable lock (13) for accommodating deformation of the lock (13) away from the second surface and a retainer (21) insertable into the deformation permitting space (12a) for urging the lock (13) towards the second surface.

14. The connector of claim 13, further comprising a terminal fitting (T) insertable into the cavity (12) and configured to be locked by the lock (12), the terminal fitting (T) having a rectangular tube (Ta) dimensioned to be urged into the chamfered longitudinal corners (14a) when the retainer (21) is inserted into the deformation permitting space (12a) for preventing shaking of the terminal fitting (T) in the cavity (12).